

**THE DIFFERENCES IN CRITICAL THINKING SKILLS
VII CLASS STUDENTS IN LEARNING IPA
WITH CORE AND 5E LEARNING MODEL
IN THE JUNIOR HIGH SCHOOL 1 PRAMBANAN KLATEN**

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ABSTRACT

This study aims to determine (1) differences between the critical thinking skills of students who learn using the CORE learning models and students who learn using the 5E learning models and (2) critical thinking skills which is better between students who learn using the CORE learning models with students who learn using the 5E learning models in the Junior High School 1 Prambanan Klaten .

This study is a true experimental design types posttest-only control design that consist of two experimental classes. The population of this study were all of students of grade VII Junior High School 1 Prambanan Klaten. The sample of this study are two clases, VII C using the CORE learning models and VII H using the 5E learning models. The different test two independent samples Mann- Whitney U types were used to see the difference in critical thinking skills and learning model which is better.

The results showed there were differences in the critical thinking skills of students between the first experimental class and the second class seen from the results of experiments Mann-Whitney U test. The results of the Mann-Whitney U test critical thinking skills obtained Asymp. Sig. (2-tailed) of $0.024 < 0.05$. The results showed that the CORE learning models is better to improve critical thinking skills seen from the mean rank. Mean rank value critical thinking skills using the CORE learning models is 38.79, while the mean rank value of the critical thinking skills by using the 5E learning models is 28.21.

Keywords: Critical thinking skills, learning model CORE, 5E learning model